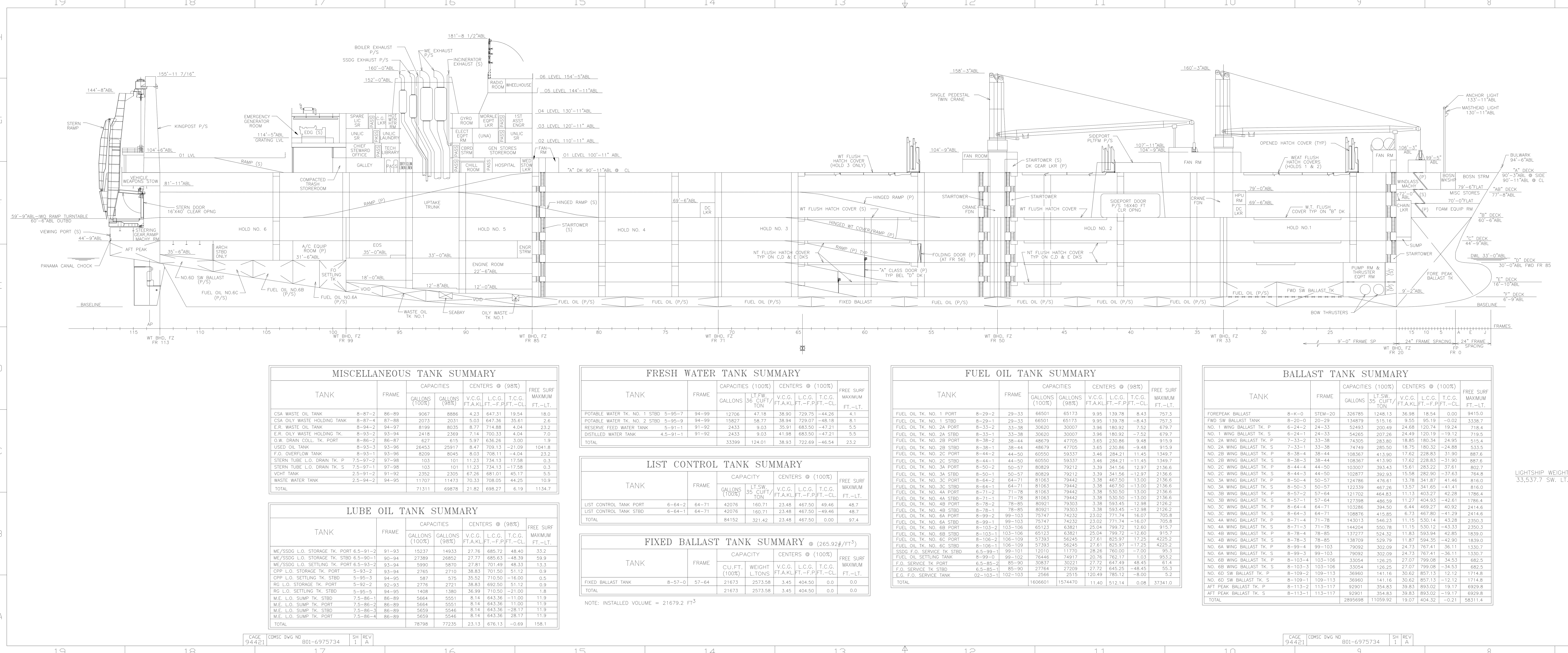




MISCELLANEOUS TANK SUMMARY									
TANK	FRAME	CAPACITIES		CENTERS @ (98%)				FREE SURF MAXIMUM FT.-LT.	
		GALLONS (100%)	GALLONS (98%)	V.C.G. FT./A.K.L.	L.C.G. FT.-F.P.	T.C.G. FT.-CL.			
CSA WASTE OIL TANK	8-87-2	86-89	9067	8886	4.23	647.31	19.54	18.0	
CSA OILY WASTE HOLDING TANK	8-87-4	87-88	2073	2031	5.03	647.36	35.61	2.6	
E.R. WASTE OIL TANK	8-94-2	94-97	8199	8035	8.77	714.88	4.04	23.2	
E.R. OILY WASTE HOLDING TK.	8-93-2	93-94	2418	2369	7.14	700.33	4.04	7.0	
O.W. DRAIN COLL. TK. PORT	8-86-2	87-88	627	615	5.97	636.26	23.00	1.9	
USED OIL TANK	8-93-3	93-96	26453	25917	8.47	709.13	-21.09	1041.8	
F.O. OVERFLOW TANK	8-93-1	93-96	8209	8045	8.03	708.11	-4.04	23.2	
STERN TUBE L.O. DRAIN TK. P	7-5-97-2	97-98	103	101	11.23	734.13	17.58	0.3	
STERN TUBE L.O. DRAIN TK. S	7-5-97-1	97-98	103	101	11.23	734.13	-17.58	0.3	
VCHT TANK	2-5-91-2	91-92	2352	2305	67.26	681.01	45.17	5.5	
WASTE WATER TANK	2-5-94-2	94-95	11707	11473	70.33	708.05	44.25	10.9	
TOTAL			71311	69878	21.82	698.27	6.19	1134.7	

LUBE OIL TANK SUMMARY									
TANK	FRAME	CAPACITIES		CENTERS @ (98%)				FREE SURF MAXIMUM FT.-LT.	
		GALLONS (100%)	GALLONS (98%)	V.C.G. FT./A.K.L.	L.C.G. FT.-F.P.	T.C.G. FT.-CL.			
ME/SSDG L.O. STORAGE TK. PORT 6.5-91-2	91-93	15237	14933	27.76	685.72	48.40	33.2		
ME/SSDG L.O. STORAGE TK. STBD 6.5-90-1	90-94	27389	26852	27.77	685.63	-48.39	59.9		
ME/SSDG L.O. STORAGE TK. PORT 6.5-90-2	91-93	15237	14933	27.76	685.72	48.40	33.2		
CPD L.O. STORAGE TK. PORT	5-95-3	92-94	2765	2710	36.83	705.00	51.12	0.9	
CPD L.O. SETTLING TK. STBD	5-95-3	94-95	587	575	35.52	710.50	-16.00	0.5	
RG L.O. STORAGE TK. PORT	5-92-2	92-93	2776	2721	36.83	692.50	51.12	0.9	
RG L.O. SETTLING TK. STBD	5-95-3	94-95	1380	1369	36.98	710.50	-21.00	1.8	
M.E. L.O. SUMP TK. STBD	7-5-86-1	86-89	5664	5551	8.14	643.36	-11.00	11.9	
M.E. L.O. SUMP TK. PORT	7-5-86-2	86-89	5664	5551	8.14	643.36	11.00	11.9	
M.E. L.O. SUMP TK. STBD	7-5-86-3	86-89	5659	5546	8.14	643.36	-28.17	11.9	
M.E. L.O. SUMP TK. PORT	7-5-86-4	86-89	5659	5546	8.14	643.36	28.17	11.9	
TOTAL			78798	77235	23.13	676.13	-0.69	158.1	

FRESH WATER TANK SUMMARY									
TANK	FRAME	CAPACITIES		CENTERS @ (100%)				FREE SURF MAXIMUM FT.-LT.	
		GALLONS	LT.-FW. 36 CU.FT. TON	V.C.G. FT./A.K.L.	L.C.G. FT.-F.P.	T.C.G. FT.-CL.			
POTABLE WATER TK. NO. 1 STBD	5-95-7	94-99	12706	47.18	38.90	729.75	-44.26	4.1	
POTABLE WATER TK. NO. 2 STBD	5-95-9	94-99	15827	58.77	38.94	729.07	-48.18	8.1	
RESERVE FEED WATER TANK	5-91-1	91-92	2433	9.03	35.91	683.50	-47.21	5.5	
DISTILLED WATER TANK	4.5-91-1	91-92	2433	9.03	41.98	683.50	-47.21	5.5	
TOTAL			33399	124.01	38.93	722.69	-46.54	23.2	

LIST CONTROL TANK SUMMARY									
TANK	FRAME	CAPACITY		CENTERS @ (100%)				FREE SURF MAXIMUM FT.-LT.	
		GALLONS	LT.-FW. 36 CU.FT. TON	V.C.G. FT./A.K.L.	L.C.G. FT.-F.P.	T.C.G. FT.-CL.			
LIST CONTROL TANK PORT	6-64-2	64-71	42076	160.71	23.48	467.50	49.46	48.7	
LIST CONTROL TANK STBD	6-64-1	64-71	42076	160.71	23.48	467.50	-49.46	48.7	
TOTAL			84152	321.42	23.48	467.50	0.00	97.4	

FIXED BALLAST TANK SUMMARY @ (265.92#T/FT³)									
TANK	FRAME	CAPACITY		CENTERS @ (100%)				FREE SURF MAXIMUM FT.-LT.	
		CU.FT.	WEIGHT LT-TONS	V.C.G. FT./A.K.L.	L.C.G. FT.-F.P.	T.C.G. FT.-CL.			
FIXED BALLAST TANK	8-57-0	57-64	21673	2573.58	3.45	404.50	0.0	0.0	
TOTAL			21673	2573.58	3.45	404.50	0.0	0.0	

NOTE: INSTALLED VOLUME = 21679.2 FT³

FUEL OIL TANK SUMMARY									
TANK	FRAME	CAPACITIES		CENTERS @ (98%)				FREE SURF MAXIMUM FT.-LT.	
		GALLONS (100%)	GALLONS (98%)	V.C.G. FT./A.K.L.	L.C.G. FT.-F.P.	T.C.G. FT.-CL.			
FUEL OIL TK. NO. 1 PORT	8-29-2	29-33	65501	65173	9.95	139.78	8.43	757.3	
FUEL OIL TK. NO. 1 STBD	8-29-1	29-33	65501	65173	9.95	139.78	-8.43	757.3	
FUEL OIL TK. NO. 2A PORT	8-33-2	33-38	30620	30007	3.96	180.92	7.52	679.7	
FUEL OIL TK. NO. 2A STBD	8-33-1	33-38	30620	30007	3.96	180.92	-7.52	679.7	
FUEL OIL TK. NO. 2B PORT	8-36-2	36-44	48679	47705	3.65	230.86	9.48	915.9	
FUEL OIL TK. NO. 2B STBD	8-36-1	36-44	48679	47705	3.65	230.86	-9.48	915.9	
FUEL OIL TK. NO. 2C PORT	8-44-2	44-50	60550	59337	3.46	284.21	11.45	1349.7	
FUEL OIL TK. NO. 2C STBD	8-44-1	44-50	60550	59337	3.46	284.21	-11.45	1349.7	
FUEL OIL TK. NO. 3A PORT	8-50-2	50-57	80829	79212	3.39	341.56	12.97	2136.6	
FUEL OIL TK. NO. 3A STBD	8-50-1	50-57	80829	79212	3.39	341.56	-12.97	2136.6	
FUEL OIL TK. NO. 3B PORT	8-64-2	64-71	81063	79442	3.38	467.50	13.00	2136.6	
FUEL OIL TK. NO. 3B STBD	8-64-1	64-71	81063	79442	3.38	467.50	-13.00	2136.6	
FUEL OIL TK. NO. 4A PORT	8-71-2	71-78	81063	79442	3.38	530.50	13.00	2136.6	
FUEL OIL TK. NO. 4A STBD	8-71-1	71-78	81063	79442	3.38	530.50	-13.00	2136.6	
FUEL OIL TK. NO. 4B PORT	8-78-2	78-85	80921	79303	3.38	593.45	12.98	2126.2	
FUEL OIL TK. NO. 4B STBD	8-78-1	78-85	80921	79303	3.38	593.45	-12.98	2126.2	
FUEL OIL TK. NO. 6A PORT	8-99-2	99-103	75747	74232	23.02	771.74	16.07	705.8	
FUEL OIL TK. NO. 6A STBD	8-99-1	99-103	75747	74232	23.02	771.74	-16.07	705.8	
FUEL OIL TK. NO. 6B PORT	8-103-2	103-106	65123	63821	25.04	799.72	-12.60	915.7	
FUEL OIL TK. NO. 6B STBD	8-103-1	103-106	65123	63821	25.04	799.72	12.60	915.7	
FUEL OIL TK. NO. 6C PORT	8-106-2	106-109	57393	56245	27.61	825.97	17.25	4225.2	
FUEL OIL TK. NO. 6C STBD	8-106-1	106-109	57393	56245	27.61	825.97	-17.25	4225.2	
SSDG F.O. SERVICE TK. STBD	6.5-90-2	99-101	12010	11770	28.26	760.00	-7.00	95.3	
FUEL OIL SETTLING TANK	8-99-0	99-102	74446	74917	20.76	762.17	10.3	953.2	
F.O. SERVICE TK. PORT	6.5-89-2	85-90	30817	30221	27.72	647.49	48.45	61.4	
F.O. SERVICE TK. STBD	6.5-88-1	85-90	27764	27209	27.72	645.25	-48.45	55.3	
E.G. F.O. SERVICE TANK	02-103-1	102-103	2566	2515	120.49	785.12	-8.00	5.2	
TOTAL			1606601	1574470	11.40	512.14	0.08	73341.0	

BALLAST TANK SUMMARY									
TANK	FRAME	CAPACITIES		CENTERS @ (100%)				FREE SURF MAXIMUM FT.-LT.	
		GALLONS	LT.-SW. 35 CU.FT. TON	V.C.G. FT./A.K.L.	L.C.G. FT.-F.P.	T.C.G. FT.-CL.			
FOREPEAK BALLAST	8-X-0	STEM-20	326785	1248.13	36.98	18.54	0.00	9415.0	
FWD SW BALLAST TANK	8-20-0	20-29	134879	515.16	9.55	95.19	-0.02	3338.7	
NO. 1 WING BALLAST TK. P	6-24-2	24-33	52493	200.49	24.68	120.74	19.24	718.4	
NO. 1 WING BALLAST TK. S	6-24-1	24-33	52495	207.26	24.49	120.19	-19.12	719.5	
NO. 2A WING BALLAST TK. P	7-33-2	33-38	14305	283.85	18.85	180.34	24.95	515.4	
NO. 2A WING BALLAST TK. S	7-33-1	33-38	74749	285.50	18.85	180.32	-24.95	515.4	
NO. 2B WING BALLAST TK. P	8-38-4	38-44	108367	413.90	17.62	228.83	31.90	887.6	
NO. 2B WING BALLAST TK. S	8-38-3	38-44	108367	413.90	17.62	228.83	-31.90	887.6	
NO. 2C WING BALLAST TK. P	8-44-4	44-50	103007	393.45	15.61	283.22	37.61	802.7	
NO. 2C WING BALLAST TK. S	8-44-3	44-50	102877	392.93	15.58	282.90	-37.63	764.8	
NO. 3A WING BALLAST TK. P	8-50-4	50-57	124786	476.61	13.78	341.87	41.46	816.0	
NO. 3A WING BALLAST TK. S	8-50-3	50-57	122339	467.26	13.57	341.85	-41.41	816.0	
NO. 3B WING BALLAST TK. P	8-57-2	57-64	121702	464.83	11.13	403.27	42.28	1786.4	
NO. 3B WING BALLAST TK. S	8-57-1	57-64	127398	486.59	11.27	404.93	-42.61	1786.4	
NO. 3C WING BALLAST TK. P	8-64-4	64-71	103286	394.50	6.44	469.27	40.92	2414.6	
NO. 3C WING BALLAST TK. S	8-64-3	64-71	108876	415.85	6.73	467.80	-41.29	2414.6	
NO. 4A WING BALLAST TK. P	8-71-4	71-78	143013	546.23	11.15	530.14	43.28	2350.3	
NO. 4A WING BALLAST TK. S	8-71-3	71-78	144204	550.78	11.15	530.12	-43.33	2350.3	
NO. 4B WING BALLAST TK. P	8-78-4	78-85	137277	524.32	11.83	593.94	42.85	1839.0	
NO. 4B WING BALLAST TK. S	8-78-3	78-85	138709	529.79	11.87	594.35	-42.90	1839.0	
NO. 4C WING BALLAST TK. P	8-99-4	99-103	79092	302.09	24.73	767.41	36.11	1330.7	
NO. 4C WING BALLAST TK. S	8-99-3	99-103	79092	302.09	24.73	767.41	-36.11	1330.7	
NO. 6B WING BALLAST TK. P	8-103-4	103-106	33054	126.25	27.07	799.08	34.53	682.5	
NO. 6B WING BALLAST TK. S	8-103-3	103-106	33054	126.25	27.07	799.08	-34.53	682.5	
NO. 6D SW BALLAST TK. P	8-109-2	109-113	36960	141.16	30.62	857.13	12.12	1714.8	
NO. 6D SW BALLAST TK. S	8-109-1	109-113	36960	141.16	30.62	857.13	-12.12	1714.8	
AFT PEAK BALLAST TK. P	8-113-2	113-117	92901	354.83	39.83	893.02	19.17	6929.8	
AFT PEAK BALLAST TK. S	8-113-1	113-117	92901	354.83	39.83	893.02	-19.17	6929.8	
TOTAL			2895698	11059.92	19.07	404.32	-0.21	58311.4	

LIGHTSHIP WEIGHT 33,537.7 SW. LT.

